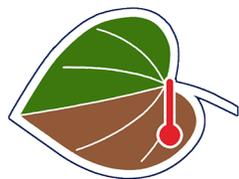


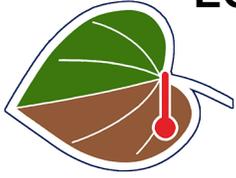
**ECOSTRESS Science and Applications Team Meeting  
Ventura, CA  
DAY 1: February 11, 2020**



**AGENDA**

**Half-Day Session – 12:00PM – 5:10PM**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
12:00 PM	Check in and networking	
12:30 PM	Welcome and Introduction to ECOSTRESS	Simon Hook
12:50 PM	Summary from NASA Headquarters	Woody Turner
1:00 PM	Science Objectives	Josh Fisher
1:20 PM	Data Overview, Processing, Products	Dana Freeborn
1:40 PM	L1 Radiance at sensor & Instrument Design	Bill Johnson
2:00 PM	L2 Land Surface Temperature and Emissivity	Glynn Hulley
2:20 PM	L3/4 (PT-JPL) Evapotranspiration, Evaporative Stress Index, and Water Use Efficiency	Josh Fisher
2:40 PM	L3/4 (ALEXI) Evapotranspiration and Evaporative Stress Index	Yun Yang
3:00 PM	BREAK	
3:30 PM	ECOSTRESS Community of Practice / Applications	Christine Lee
3:40 PM	LST & ET Mapping and Validating over Yuma, Arizona	Juan Gonzalez
3:55 PM	ECOSTRESS Urban Heat Vulnerability	Glynn Hulley
4:10 PM	Tennessee River Power Plant Water Surface Temperature	Jeff Luvall
4:25 PM	Diurnal Variability of Evapotranspiration on a Global Scale	Kerry Cawse-Nicholson
4:55 PM	<b>ADJOURN</b>	

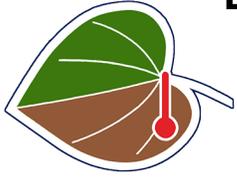


**ECOSTRESS Science and Applications Team Meeting**  
**Ventura, CA**  
**DAY 2: February 12, 2020**  
**AGENDA**

**All Day Session with Training and Field Trip - 8:00AM-5:20PM**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
8:00 AM	Check in-venue and networking	
8:30 AM	Improvements to ECOSTRESS Data for Science and Applications	Josh Fisher
8:40 AM	Evaluating a CONUS-Wide disALEXI Evapotranspiration Product	Kerry Cawse-Nicholson
8:50 AM	How Much Water is Evaporated Across California?: An Assessment Using a MesoNetwork of Eddy Covariance Sites, a Biophysical Model Forced with Satellite Remote Sensing and ECOSTRESS Data	Dennis Baldocchi
9:00 AM	Understanding Diurnal Cycles of Plant Water Use and Carbon Uptake with Existing and New Products Based on ECOSTRESS, MODIS, and FLUXNET	Jingfeng Xiao
9:10 AM	Merging ECOSTRESS with Field Data in the Highest Uncertainty Water Use Efficiency Regions in the World	Christopher Doughty
9:20 AM	Exploiting Diurnal Cycles to Evaluate Vegetation Responses to Heat and Drought Stress	Yi Yin
9:30 AM	Evaluating the Potential of ECOSTRESS for Predicting Wildfire Effects on Plant Community Structure and Water Relations in an Arizona Sky Island Pine-Oak Forest	Helen Poulos
9:40 AM	New Estimates of Terrestrial Carbon and Water Fluxes by Combining the Carbonyl Sulfide Stomatal Conductance Tracer Framework and High Resolution Surface Data	Mary Whelan
9:50 AM	BREAK	
10:20 AM	LP DAAC Services	Tom Maersperger
10:35 AM	Linking Basin-Scale, Stand-Level, and Individual Tree Water Stress Indicators for Groundwater-Dependent Riparian Forests in Multiple-Use River Basins	Dar Roberts
10:50 AM	Training Part 1: ECOSTRESS Data Access	Cole Krehbiel
11:50 AM	Training Part 2: ECOSTRESS Data Mapping	Gregory Halverson
12:50 PM	Lightning Talks / Option for Lunch	
2:20 PM	BREAK	
2:50 PM	Santa Clara River Site Visit	Dar Roberts
5:20 PM	ADJOURN	

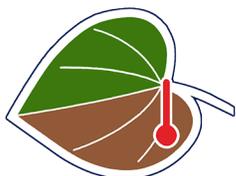
To participate in the Santa Clara River Site Visit, all participants must review and submit this waiver:  
<https://tinyurl.com/ECOSTRESS-TNC>



**ECOSTRESS Science and Applications Team Meeting**  
**Ventura, CA**  
**DAY 2: February 12, 2020**

<b>LUNCHTIME LIGHTNING TALKS</b>	
<b>Name</b>	<b>Topic</b>
Marcos Longo	Tropical forest degradation impacts on ET and surface temperature
Camilo Rey	The use of flux footprints for better validation of evapotranspiration estimates from ECOSTRESS.
Gurjot Kohli	Land Classification Specific Assessment of 2013-15 Costa Rican Drought with ET/NDVI
Michael Allen	Developing a diurnal climatology of urban surface temperatures using ECOSTRESS imagery.
Fernando Romero	Climate Disasters as seen by ECOSTRESS
Matthew Dohlen	Remotely sensed open water reservoir and lake evaporation
Jenna Keany	Tropical forest transition zone evaluation with ECOSTRESS
Madeleine Pascolini-Campbell	Evaluation of ET from ECOSTRESS against LSMS, GRACE-FO and remote sensing

**ECOSTRESS Science and Applications Team Meeting**  
**Ventura, CA**  
**DAY 3: February 13, 2020**  
**AGENDA**



**Half-Day Session - 8:00AM-12:30PM**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
8:00 AM	Check in-venue and networking	
8:30 AM	ECOSTRESS Surface Temperature over Inland Waters for Aquatic Ecosystem Applications	Christine Lee
8:40 AM	Examining the Relation Between Biodiversity and Surface Temperature Regimes in Localized Coastal Upwelling Zones Using ECOSTRESS	Daniel Otis
8:50 AM	Heat and Desiccation Risk Prediction in Intertidal Shellfisheries	David Wethey
9:45 AM	Thermal Stress in South Florida Estuaries: A Multi-Sensor Assessment	Chuanmin Hu
9:00 AM	Changing Landscapes, Urban Heat Island and the Effects on City Water Conservation Policy	Soe Myint
9:10 AM	Developing Spatial Real-Time Forecasts of Mosquito-Borne Diseases	Nicholas DeFelice
9:20 AM	Investigating Dynamic Thermal Processes to Optimize Geothermal Hotspot Detection	Christoph Hecker
9:30 AM	Land Surface Temperature Monitoring (LSTM) Mission	Simon Hook / TBD
9:45 AM	Thermal infraRed Imaging Satellite for High-resolution Natural resource Assessment	Simon Hook / TBD
10:00 AM	Surface Biology and Geology Designated Observable Study	Chip Miller
10:15 AM	BREAK	
10:30 AM	Office Hours - bring your data and bring your questions	Multiple
12:30 PM	WRAP UP	Simon Hook / TBD